



Advisory Announcement

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CONTACT: Katie Taylor
Assistant Area Management Biologist
kathryn.taylor@alaska.gov
(907) 772-3801

2022 POINT GARDNER AND KINGSMILL TEST FISHERIES UPDATE # 4

Point Gardner and Kingsmill test fisheries are ongoing projects that assess pink and chum salmon abundance returning to Section 9-B and District 10. Test fishing at Point Gardner occurs one day per week for 5 weeks starting in statistical week 27 (June 26 – July 2). The Point Gardner test fishery has proven to be a very good indicator for pink salmon returning to Frederick Sound and lower Stephens Passage, particularly to District 10. The Kingsmill test fishery occurs one day per week for four weeks starting in statistical week 28 (July 3 – July 9). The Kingsmill test fishery is used as an indicator for runs returning to Frederick Sound and to eastern lower Chatham Strait (Section 9-B and District 10). Results from the Kingsmill test fishery are generally less conclusive since the test fishery will catch fish heading north to Frederick Sound and south to Rowan and Tebenkof Bays.

This year the *F/V St. Janet* is conducting both test fisheries.

Point Gardner: The fourth test fishery was conducted on Tuesday, July 19. All seven scheduled sets were completed. Pink salmon harvests were near the 10-year average (2012 – 2021). Chum salmon harvests were well above the recent 10-year average. Pink salmon sex ratios were 77% male. Chum salmon sex ratios were 55% male.

Kingsmill: The third test fishery was conducted on Monday, July 18. All seven scheduled sets were completed. Pink and chum salmon harvests were well below the recent 10-year average. Pink salmon sex ratios were 66% male. Chum salmon sex ratios were 50% male.

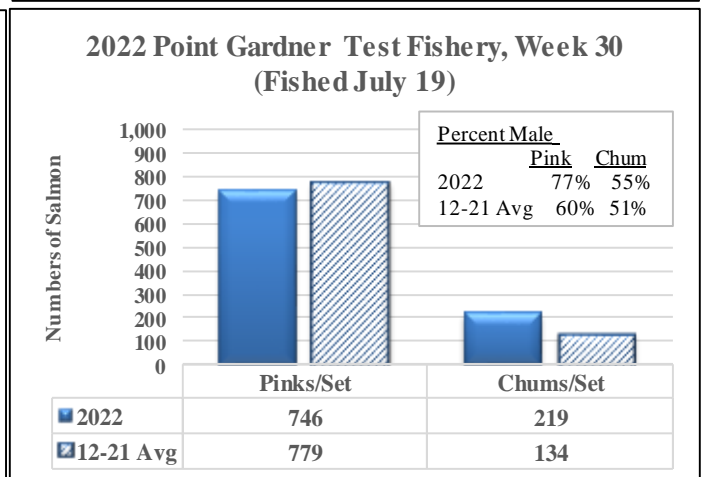
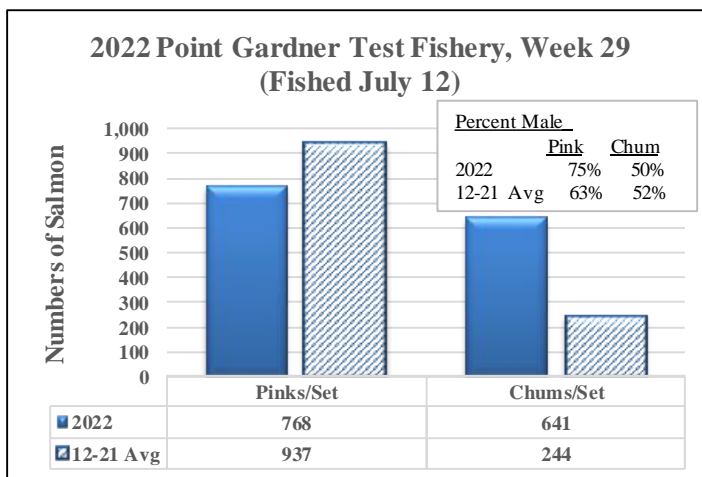
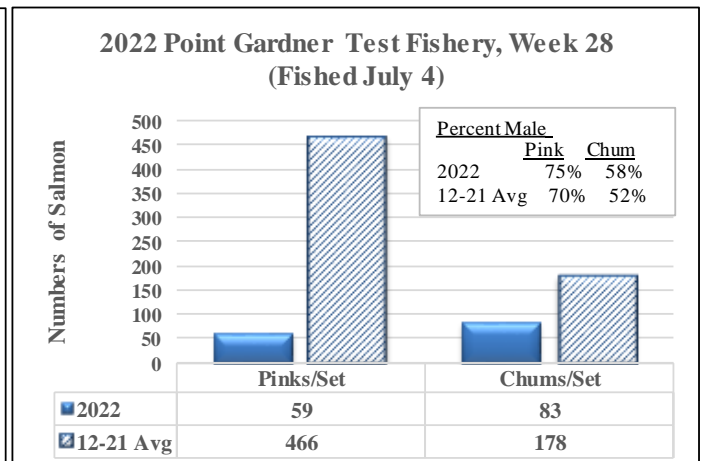
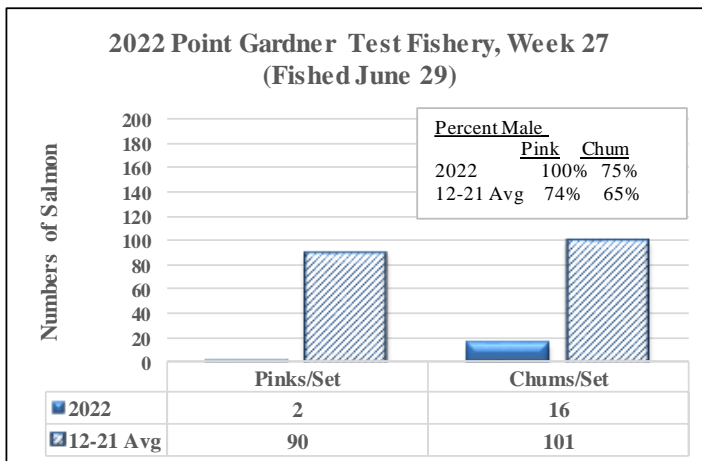
Run Strength: In SW 30, Point Gardner harvest rates for pink salmon were average and chum salmon harvest rates were well above average. Kingsmill harvest rates were well below average for both pink and chum salmon. Pink and chum salmon harvest rates may reflect an average run but results are inconclusive.

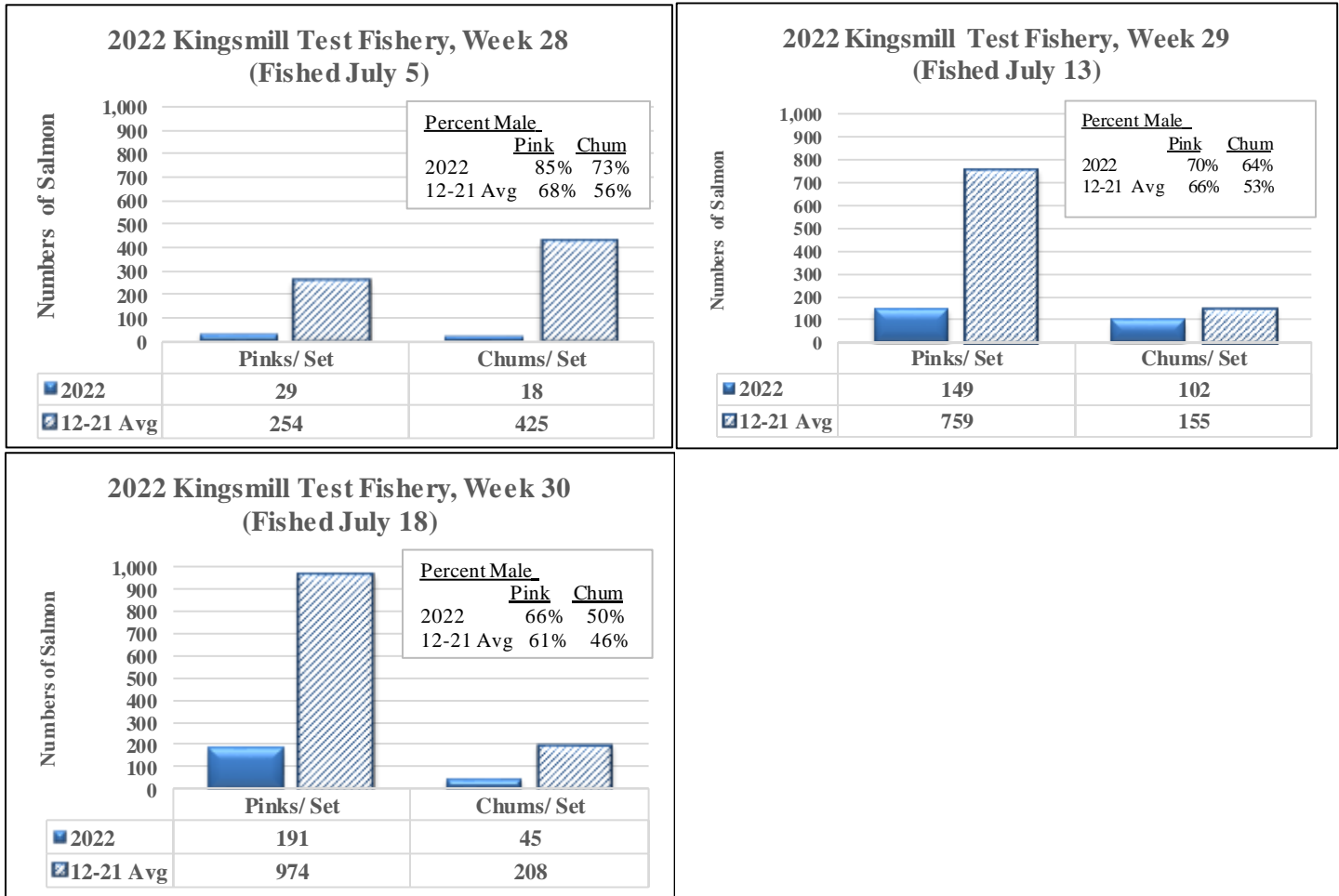
Sex Ratio Sampling: Sex ratio sampling is used as a tool in determining run timing. Numbers of males are higher during the beginning of the run and females are more numerous during the latter part of the run. Comparing this year's sex ratios to the historical average provides an indication of whether the run is earlier, later, or similar in run timing to previous years. If the sex ratios were representative, the Point Gardner and Kingsmill test fishery results imply later than normal pink and chum salmon run timing.

Average Weights:

- Point Gardner: pink salmon: 3.8 pounds; chum salmon: 7.6 pounds.
- Kingsmill: pink salmon: 3.8 pounds; chum salmon: 7.2 pounds.

Next Test Fisheries: The final Point Gardner and Kingsmill test fisheries of the 2022 season are scheduled for Monday, July 25 and Tuesday, July 26.

Point Gardner:

Kingsmill:

Advisory Announcement web site: <http://www.adfg.alaska.gov/index.cfm?adfg=cfnews.main>.

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